

Figure 1: Overall Configuration of SoD Service System with Direct Cabling between Host I/O Controllers and I/O Ports

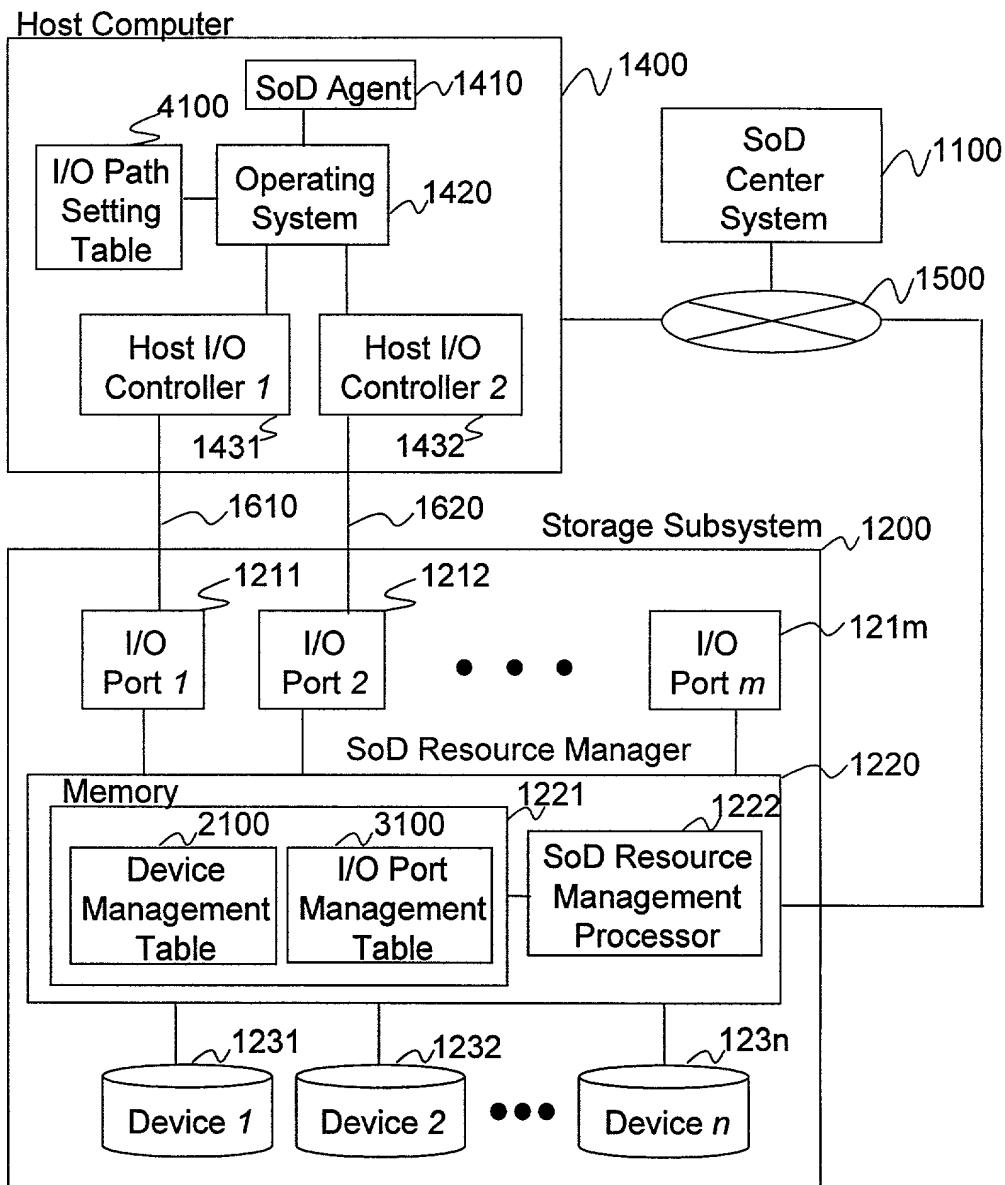


Figure 2: Device Management Table (Scenario 0)

Device No.	Installation Status	SoD Status	Size
1	Installed	Usable	500 GB
2	Installed	Usable	500 GB
3	Installed	Un-Usable	250 GB
4	Installed	Un-Usable	250 GB
5	Un-Installed	N/A	N/A
• • •			
n	Un-Installed	N/A	N/A

Figure 3: I/O Port Management Table (Scenario 0)

I/O Port No.	Installation Status	SoD Status	Device No.
1	Installed	Usable	1, 2
2	Installed	Un-Usable	Un-Allocated
3	Un-Installed	N/A	N/A
• • •			
m	Un-Installed	N/A	N/A

Figure 4: I/O Path Setting Table (Scenario 0)

I/O Path No.	Host I/O Controller No.	I/O Port No.
1	1	1
2	Un-Defined	N/A
3	Un-Defined	N/A
• • •		

Figure 5: Processing Flow of SoD Center System

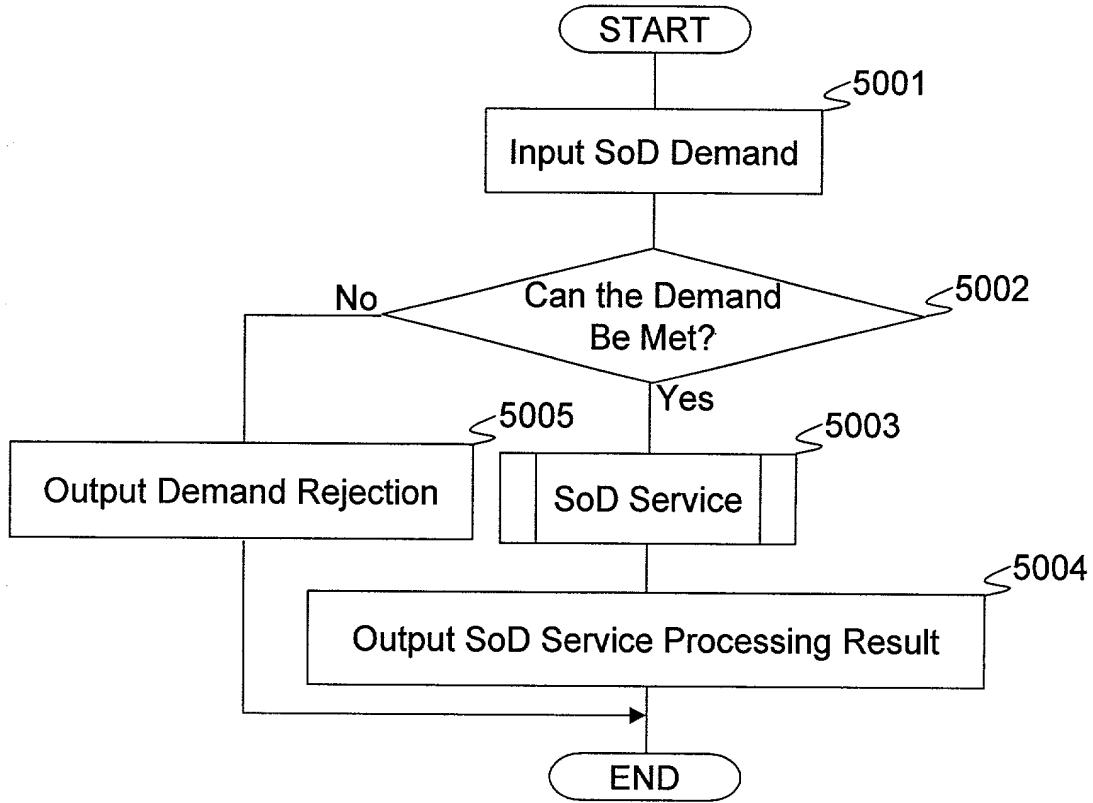


Figure 6: Processing Flow of SoD Service Module

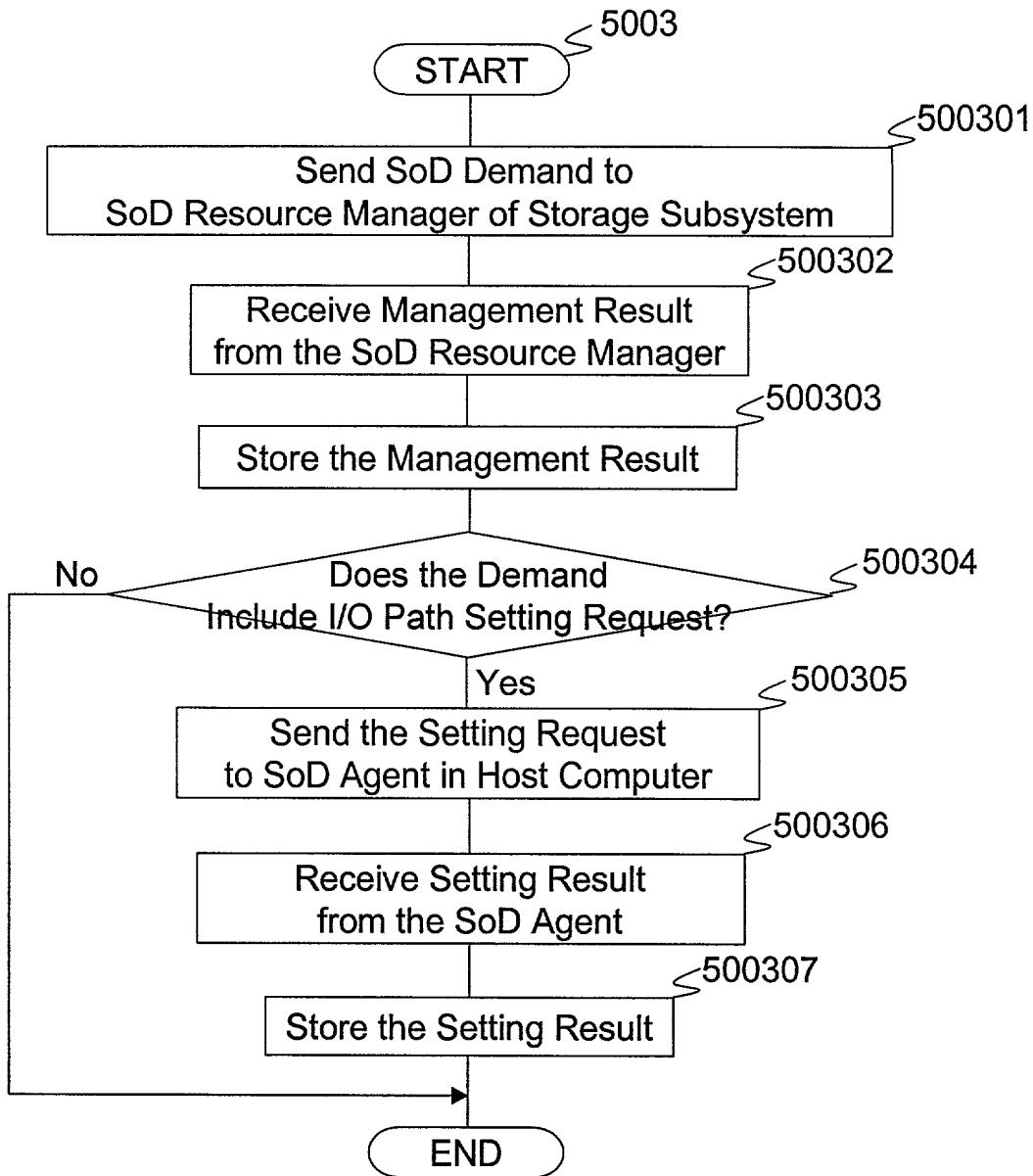


Figure 7: Processing Flow of SoD Resource Manager  
(Updating Resource Management Tables)

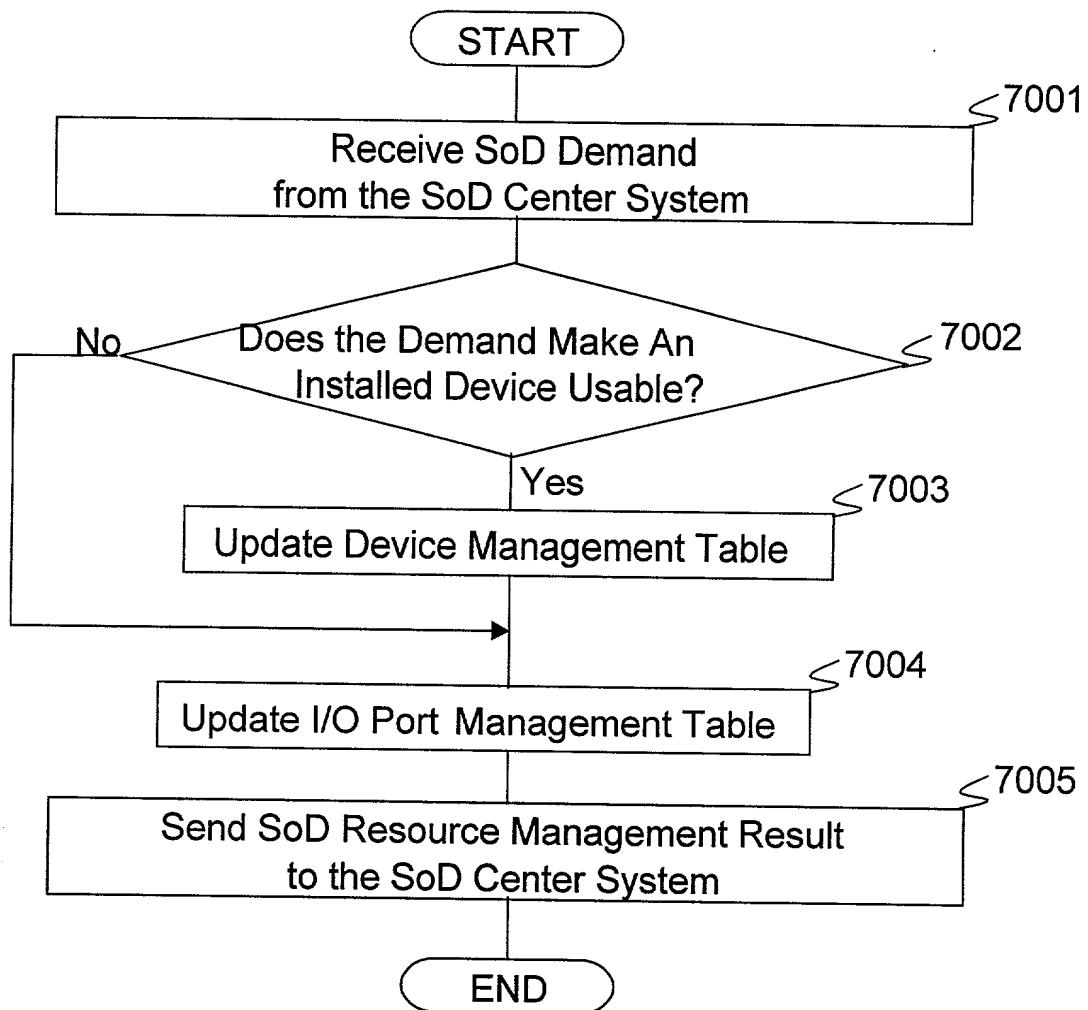


Figure 8: Processing Flow of SoD Resource Manager  
(Using Management Tables to Manage Resources)

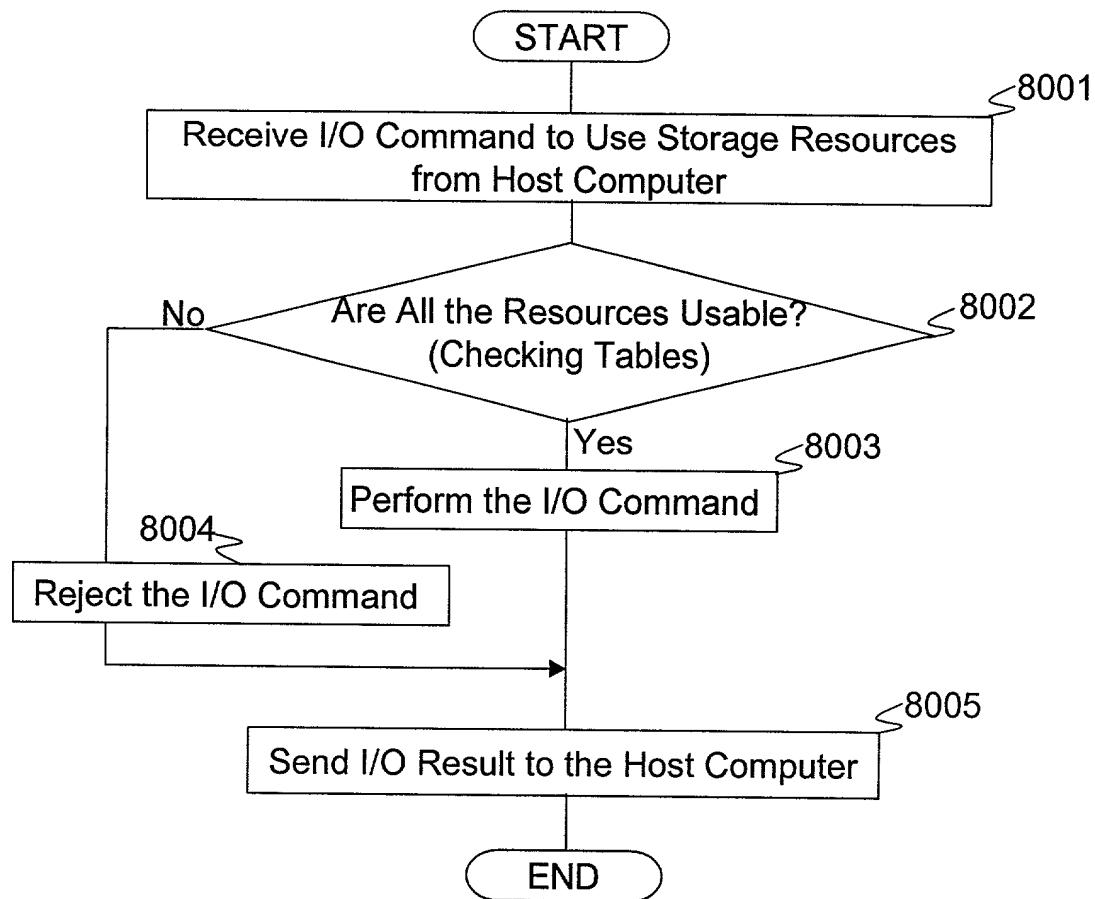


Figure 9: Processing Flow of SoD Agent

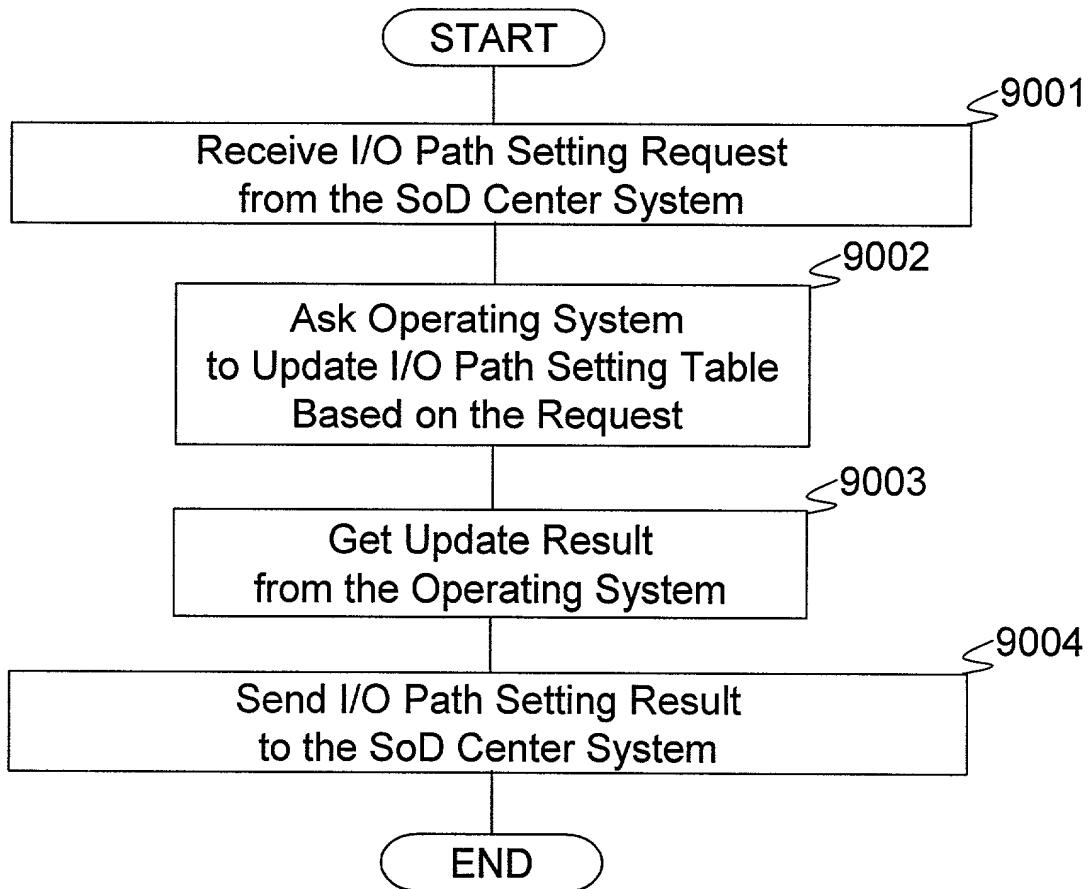


Figure 10: GUI of SoD Demand Input  
(Scenario 0 → Scenario 1)

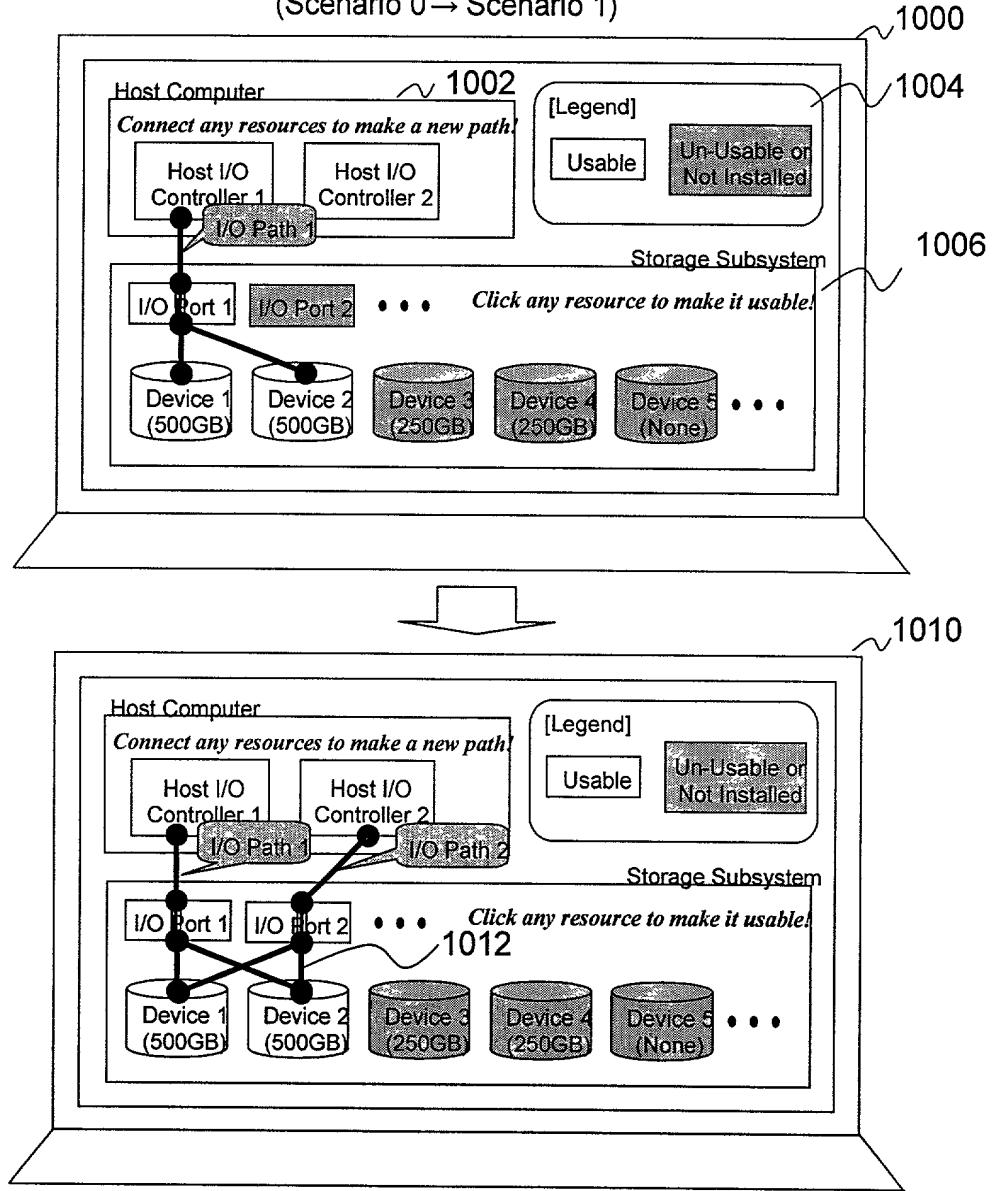


Figure 11: I/O Port Management Table  
(Scenario 0 → Scenario 1)

I/O Port No.	Installation Status	SoD Status	Device No.
1	Installed	Usable	1, 2
2	Installed	Usable	1, 2
3	Un-Installed	N/A	N/A
⋮			
m	Un-Installed	N/A	N/A

Figure 12: I/O Path Setting Table  
(Scenario 0 → Scenario 1)

I/O Path No.	Host I/O Controller No.	I/O Port No.
1	1	1
2	2	2
3	Un-Defined	N/A
⋮		

Figure 13: GUI of SoD Demand Input  
(Scenario 0 → Scenario 2)

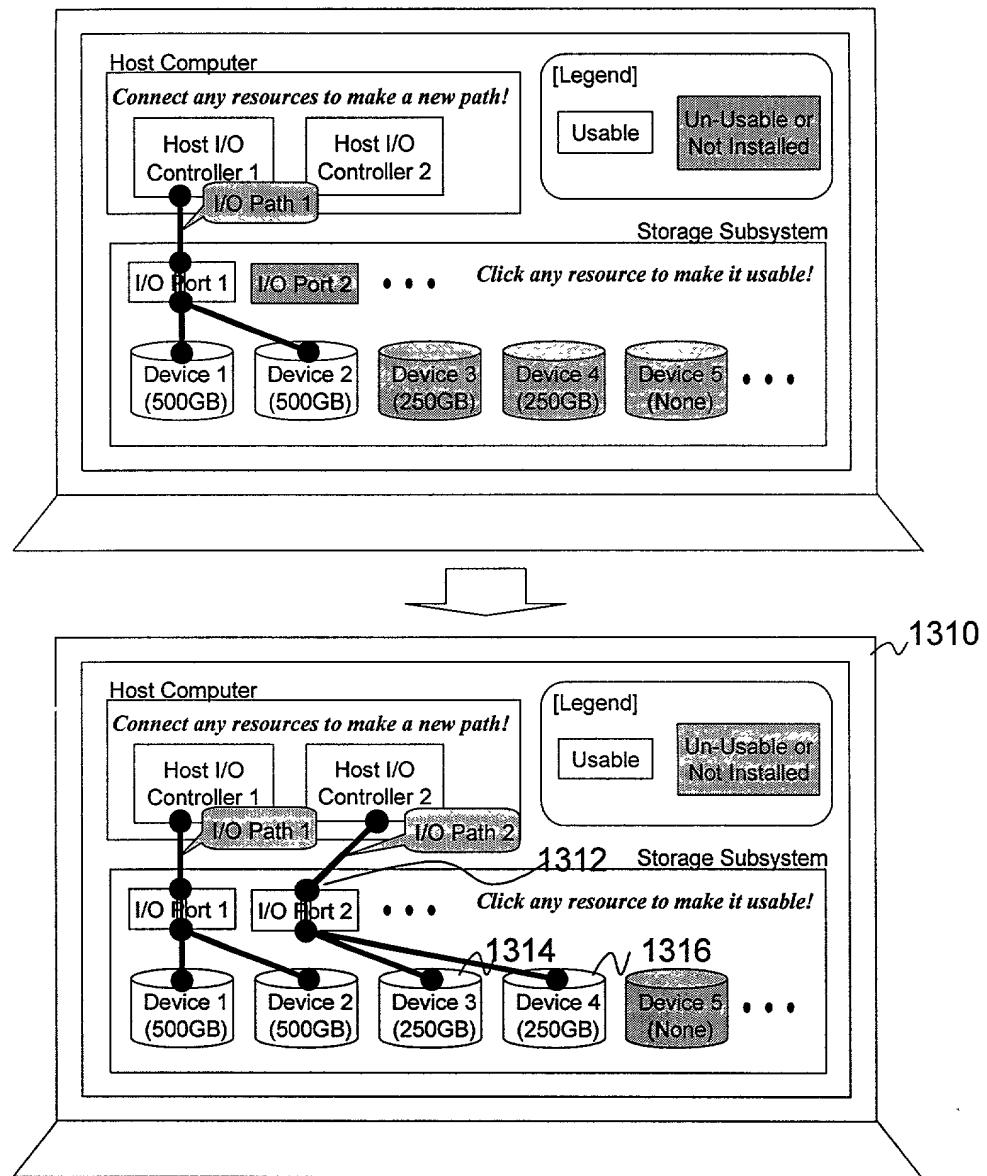


Figure 14: Device Management Table  
(Scenario 0 → Scenario 2)

Device No.	Installation Status	SoD Status	Size
1	Installed	Usable	500 GB
2	Installed	Usable	500 GB
3	Installed	Usable	250 GB
4	Installed	Usable	250 GB
5	Un-Installed	N/A	N/A
• • •			
n	Un-Installed	N/A	N/A

Figure 15: I/O Port Management Table  
(Scenario 0 → Scenario 2)

I/O Port No.	Installation Status	SoD Status	Device No.
1	Installed	Usable	1, 2
2	Installed	Usable	3, 4
3	Un-Installed	N/A	N/A
• • •			
m	Un-Installed	N/A	N/A

Figure 16: I/O Path Setting Table  
(Scenario 0 → Scenario 2)

I/O Path No.	Host I/O Controller No.	I/O Port No.
1	1	1
2	2	2
3	Un-Defined	N/A
•	•	•

Figure 17: Overall Configuration of SoD Service System with FC Switch between Host Computers and Storage Subsystems

